



Robotic Games Society (Singapore)

<http://guppy.mpe.nus.edu.sg/srg>

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Singapore Robotic Games 2007

16-18 January 2007, Agora Hall 1, Republic Polytechnic

The objectives of the Singapore Robotic Games are:

- to inculcate in the general public an understanding and appreciation of robotics and automation;
- to **educate** the general public on the things robots can do that are quite apart from industrial tasks;
- to help in the technology development by providing benchmarks for practical robotics research and development; and
- to encourage innovation in design among young engineers and provide them with a forum to display their works

Besides the first two objectives of inculcating automation culture to and educating the general public, the SRG hopes to co-ordinate efforts of all academic and research institutions towards practical robotics and automation. The events in the SRG provide benchmarks for robotic devices. All institutes will then work towards achieving this benchmark while competing with each other. This will lead to further advancement of robotics and automation technology in Singapore. Each year, the events of the SRG are made progressively more challenging with at least one new event or competition. This provides continuity and ensures continuous growth of technology. The last objective is very important. Only through recognition will participants be rewarded for their hard work. What better way to recognise their achievements than to display their works to the general public. Also through this public displays, spin-offs in terms of commercialisation, further developments by other parties, wider participation, etc. would be possible.

The 2007 Singapore Robotic Games is scheduled for 16-18 January 2007, at the Agora Hall 1 of Republic Polytechnic, followed by a workshop on 19 January 2007 at a hotel in Singapore. The following 15 competitions will be held:

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| • RC Sumo Robot Competition | • Open Category |
| • Autonomous Sumo Robot Competition | • Robot Colony Competition |
| • Legged Robot Race | • Pole Balancing Robot Competition |
| ⇒ Marathon | • Robot Soccer Competition (Mirobot) |
| ⇒ Obstacle | • Schools Robotic Competition |
| • Micromouse Competition | • Intelligent Robot Contest |
| ⇒ Open | • Wall Climbing Robot Race |
| ⇒ JC/ITE | • Underwater Robotic Competition |
| ⇒ Secondary Schools | |

In addition, there will be a public lecture by a distinguished and internationally renowned speaker.

SRG 2007 is open to all, and international participation is encouraged.

For more information, please contact Marcelo H. Ang Jr., National University of Singapore, Tel (65) 6516-2555, Fax (65) 6779-1459, mpeangh@nus.edu.sg, or the secretariat, Mr Yee Choon Seng at Tel (65) 6516-2137 and mpeyeecs@nus.edu.sg. Please also refer to <http://guppy.mpe.nus.edu.sg/srg/> for updated information.